

FORM PTO-1390 (REV. 07-2005)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	
<b>TRANSMITTAL LETTER TO THE UNITED STATES</b> <b>DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A</b> <b>SUBMISSION UNDER 35 U.S.C. 371</b>		EXPRESS MAIL NUMBER <b>EV642786947US</b>	ATTORNEY'S DOCKET NUMBER <b>187732/US</b>
INTERNATIONAL APPLICATION NO. <b>PCT/FR2004/02848</b>		U.S. APPLICATION NO. (if known, see 37 CFR 1.55) <b>10/577084</b>	
INTERNATIONAL FILING DATE <b>November 5, 2004</b>		PRIORITY DATE CLAIMED <b>November 6, 2003</b>	
TITLE OF INVENTION <b>OPTIMISED MICRO-ORGANISM STRAINS FOR NADPH-CONSUMING BIOSYNTHETIC PATHWAYS</b>			
APPLICANT(S) FOR DO/EO/US <b>GWÉNAËLLE BESTEL-CORRE, CÉDRIC BOISART, MICHEL CHATEAU, BENJAMIN GONZALEZ, PHILIPPE SOUCAILLE, RAINER FIGGE AND OLIVIER ZINK</b>			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other			
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.			
2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.			
3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.			
4. <input checked="" type="checkbox"/> The US has been elected (Article 31).			
5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))			
a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).			
b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau.			
c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).			
6. <input checked="" type="checkbox"/> An English translation of the International Application as filed (35 U.S.C. 371(c)(2)).			
a. <input checked="" type="checkbox"/> is attached hereto.			
b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).			
7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))			
a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).			
b. <input type="checkbox"/> had been communicated by the International Bureau.			
c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.			
d. <input checked="" type="checkbox"/> have not been made and will not be made.			
8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).			
9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).			
10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36			
<b>Items 11 to 20. below concern document(s) or information included:</b>			
11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.			
12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included			
13. <input checked="" type="checkbox"/> A preliminary amendment.			
14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.			
15. <input type="checkbox"/> A substitute specification.			
16. <input type="checkbox"/> A power of attorney and/or change of address letter.			
17. <input checked="" type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 – 1.825			
18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4)			
19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).			
20. <input checked="" type="checkbox"/> Other items or information: A copy of International Publication WO2005/047498, verification of translation, PCT/ISA/210, PCT/IB/301, PCT/IB/304, PCT/IB/308, PCT/IB/306, PCT/RO/101, Claim for Priority and Statement under 37 CFR 1.821(f)			

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.5) <b>10/577084</b>		INTERNATIONAL APPLICATION NO. <b>PCT/FR2004/02848</b>		ATTORNEY'S DOCKET NUMBER <b>187732/US</b>						
21. The following fees have been submitted: <input checked="" type="checkbox"/> a) Basic national fee (37 CFR 1.492(a))..... <b>\$300.00</b>				CALCULATIONS	PTO USE ONLY					
				<b>\$ 300.00</b>						
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)--4)..... <b>\$0.00</b> All other situations..... <b>\$200.00</b>										
				<b>\$ 200.00</b>						
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)--4) <b>\$0.00</b> Search fee (37 CFR 1.445(a)(2) has been paid on the international application to the USPTO as an International Searching Authority..... <b>\$100.00</b> International Search Report prepared and provided to the Office ..... <b>\$400.00</b> All other situations ..... <b>\$500.00</b>										
				<b>\$ 400.00</b>						
				<b>TOTAL OF 21, 22 and 23 =</b>		<b>\$ 900.00</b>				
				<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is <b>\$250</b> for each additional 50 sheets of paper or fraction thereof.						
				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:15%;">Total Sheets</th> <th style="width:15%;">Extra Sheets</th> <th style="width:40%;">Number of each additional 50 or fraction thereof (round up to a whole number)</th> <th style="width:30%;">RATE</th> </tr> <tr> <td>- 100</td> <td>/50 =</td> <td></td> <td>x <b>\$250.00</b></td> </tr> </table>	Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	- 100	/50 =
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE							
- 100	/50 =		x <b>\$250.00</b>							
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				<b>\$</b>						
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE						
Total claims		13 -20 =	0	x <b>\$50.00</b>	<b>\$</b>					
Independent claims		2 -3 =	0	x <b>\$200.00</b>	<b>\$</b>					
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ <b>\$360.00</b>	<b>\$</b>					
<b>TOTAL OF ABOVE CALCULATIONS =</b>					<b>\$900.00</b>					
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.					<b>\$450.00</b>					
<b>SUBTOTAL =</b>					<b>\$450.00</b>					
Processing fee of <b>\$130.00</b> for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).					<b>\$</b>					
<b>TOTAL NATIONAL FEE =</b>					<b>\$450.00</b>					
Fee for recording the enclose assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property					<b>\$</b>					
<b>TOTAL FEES ENCLOSED =</b>					<b>\$450.00</b>					
					<b>Amount to be refunded:</b>	<b>\$</b>				
					<b>charged:</b>	<b>\$</b>				

AP20 Rec'd PCT/PTO 24 APR 2006

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.5) <div style="font-size: 1.5em; font-weight: bold; margin-top: 5px;">10/577084</div>	INTERNATIONAL APPLICATION NO. <div style="text-align: center; margin-top: 5px;">PCT/FR2004/02848</div>	ATTORNEY'S DOCKET NUMBER <div style="text-align: center; margin-top: 5px;">187732/US</div>
<p>a. <input checked="" type="checkbox"/> A check in the amount <u>\$450.00</u> to cover the above fees is enclosed. of</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. <u>50-2054</u> In the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-2054</u> A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.</p> <p><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p>		
SEND ALL CORRESPONDENCE TO: <span style="float: right;">CUSTOMER NUMBER <b>30873</b></span>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <p><b>Janet M. MacLeod</b> Dorsey &amp; Whitney LLP Intellectual Property Department 250 Park Avenue New York, New York 10177</p> </div> <div style="width: 55%; border-left: 1px solid black; padding-left: 10px;"> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">             Signature  <b>Janet M. MacLeod</b>            Name  <b>35,263</b>            Registration Number         </div> <div style="border-left: 1px solid black; padding-left: 10px; width: 200px;"> <div style="text-align: center; margin-bottom: 10px;">April 25, 2006</div> <div style="text-align: center;">Date</div> </div> </div> </div> </div>		